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[10191/1714]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : SCHNEIDER et al.
Serial No. : 09/786,903
Filed : May 9, 2001
For : SENSOR FOR DETERMINING A CONCENTRATION OF
GAS COMPONENTS IN GAS MIXTURES

#9/B
W.M.
6/10/03

Examiner : Ta Asung Tung

Art Unit : 1753 I hereby certify that this correspondence is being deposited with the
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Date: 5/30/2003

Signature:

AARON C. DEDITCH
(33,865)

AMENDMENT

SIR:

In response to the Office Action mailed on February 14, 2003 (the three-month response date for which has been extended by one month from May 14, 2003 to June 14, 2003 by the accompanying Transmittal And Petition To Extend), please reconsider the above-identified application based on the following:

IN THE CLAIMS:

Without prejudice, please replace/amend the claims as follows:

10. (Amended) A sensor for determining a concentration of gas components in a gas mixture, comprising:

B1
a first measuring electrode having substantially no catalytic effect on an establishment of an equilibrium in the gas mixture when exposed to the gas mixture, the first measuring electrode including a cermet electrode with at least one metal oxide component, the at least one metal oxide component being capable of reversible incorporation of oxygen;
a second measuring electrode catalyzing an establishment of an equilibrium in